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(54) Title: HYDROXYPYRUVATE REDUCTASE PROMOTER ELEMENTS AND METHODS OF USE THEREOF IN PLANTS

(57) Abstract: The invention provides compositions and methods for regulating the expression of nucleotide sequence of interest in a plant. Compositions include a novel nucleotide sequence comprising a promoter for the hydroxypyruvate reductase gene. Methods for expressing a nucleotide sequence of interest in a plant using the promoter sequences disclosed herein is provided. The method comprises stably incorporating into the genome of a plant cell a nucleotide sequence operably linked to the promoter of the present invention and regenerating a stably transformed plant that expresses the nucleotide sequence..

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/06390

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12N15/82

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data, BIOSIS, SEQUENCE SEARCH, EMBL

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 02/16655 A (SYNGENTA PARTICIPATIONS AG ; SCRIPPS RESEARCH INST (US)) 28 February 2002 (2002-02-28) seq.id.no.4755, 100% identical to nt 1-485 of seq.id.no.5 abstract; claim 144 -&amp; DATABASE GENESEQ 'Online! Wo00216655, seq.id.no.4755, 21 January 2003 (2003-01-21) HARPER ET AL: retrieved from EBI, accession no. ABZ16950 Database accession no. ABZ16950 XP002287315 abstract</p> <p style="text-align: center;">--- -/--</p>	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \* & \* document member of the same patent family

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>           DATABASE EMBL 'Online!            Ebi ; 7 May 2002 (2002-05-07)            NGUYEN, M. ET AL.: "A. thaliana            hydroxypyruvate reductase (HPR) mRNA"            retrieved from EBI            Database accession no. AY099552            XP002287316            the whole document            -----         </p>	1

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0216655 A	28-02-2002	AU 8681101 A	04-03-2002
		CA 2420555 A1	28-02-2002
		EP 1313867 A2	28-05-2003
		WO 0216655 A2	28-02-2002
		US 2002160378 A1	31-10-2002